

What is claimed is:

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1. An engine control system for a hybrid vehicle having an internal combustion engine and an electric motor as driving force sources, for
5 permitting stopping and starting of said engine in accordance with predetermined drive conditions, comprising:

brake booster for receiving a negative pressure supplied by an operation of said engine;

pressure detector for detecting a pressure supplied to said brake
10 booster;

throttle-opening-state detector for detecting a throttle opening state;
and

engine-operation enable/disable determining device for determining whether or not to operate said engine when said engine is stopped, based on
15 said throttle opening state detected by said throttle-opening-state detector and said pressure detected by said pressure detector.

2. The engine control system according to claim 1, wherein said engine-operation enable/disable determining device:

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permits said engine to operate when said throttle opening state is other than completely closed;

causes said engine to stop when said throttle opening state is completely closed and said pressure detected by said pressure detector is
5 equal to or lower than a predetermined negative pressure which is equal to or lower than an atmospheric pressure; and

permits said engine to operate when said throttle opening state is completely closed and said pressure detected by said pressure detector is closer to the atmospheric pressure than the predetermined negative pressure
10 which is equal to or lower than the atmospheric pressure.

3. The engine control system according to claim 1 or 2, wherein after said engine is restarted, said engine is not stopped until a vehicle speed exceeds a predetermined speed.

add B2